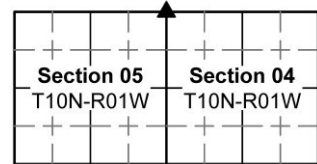


# MONUMENT RECORD

Corner ID: **Wash\_I01**

## Section Corner

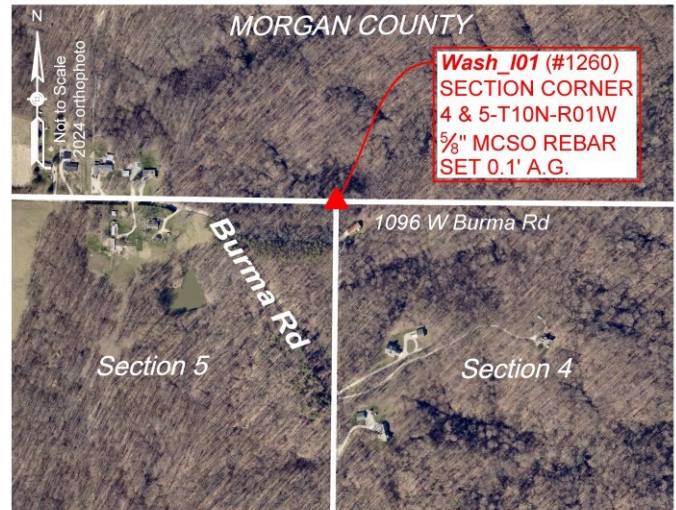
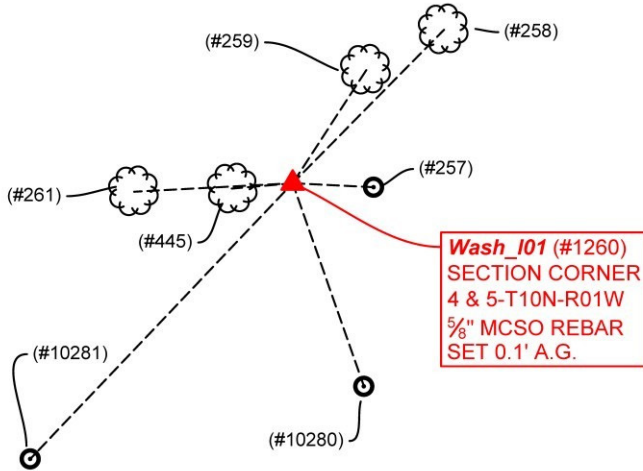
Sections 4 & 5- T10N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

(#1260) 5/8" rebar (24" long) with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS #20100021, set, with top left 0.1' above ground.

### MONUMENT LOCATION SKETCH:



**WITNESS MONUMENT TIES:** Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station.

ID	Bearing	Distance	Description
(#258)	N44° 37'E	33.7'	16" diameter Sugar Maple tree
(#259)	N33° 04'E	21.1'	13" diameter Sugar Maple tree
(#445)	S85°W	9.6'	24" diameter Beech tree
(#261)	S86° 56'W	24.8'	18" diameter Beech tree

### MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#10280)	S19° 20' 01"E	33.64'	N:1490399.1872' E:3107346.2697' Rebar Lite
(#10282)	S43° 35' 51"W	59.48'	N:1490387.8546' E:3107294.1159' Rebar Lite
(#257)	S87° 11' 43"E	12.65'	N:1490430.3114' E:3107347.7634' 1/2" rebar found, 0.3' above ground, by steel post.



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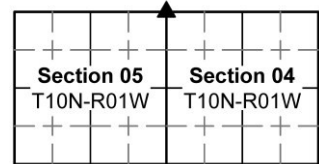
Page 1 of 4

# MONUMENT RECORD

Corner ID: **Wash\_I01**

## Section Corner

Sections 4 & 5- T10N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana



**PHOTO IDENTIFIED:** Photo Date: 09/26/2025



*Photo Orientation & Description:* From South looking North, with Emily standing where stone was found flat on ground.



*Photo Orientation & Description:* From East looking West with original witness Beech tree in background.

**EXISTING SURVEY HISTORY** Include as much detail and history of the corner as known at the time of perpetuation

### ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1819 By: Thomas Brown Deputy Surveyor  
Where filed or recorded: Monroe County Original notes, page 126  
Original monument: post  
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	4"	S88°W	15 links
W Oak	17"	S83°E	22 links

Notes:

### SUBSEQUENT CORNER RESTORATION:

Date Surveyed: December 10, 1872 By: James Spencer Deputy Monroe County Surveyor  
Where filed or recorded: Legal Survey Book 2, pages 209-211  
Original monument: Not noted.  
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	5"	S85°W	14 ½ links

Notes:

**OTHER SURVEY HISTORY:** Include details such as surveyor name, date, recording info, monument description, etc.

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
11/12/1996	RSID005804	Bledsoe, Ben E.	Survey of Part NW 1/4 S4-10N-1W	
1/10/2000	RSID005802	Archer, Steven W.	Survey of NW 1/4 NW 1/4 S4-10N-1W	
6/9/2000	RSID005803	Vollmer, Robert C.	Morgan/Monroe Line Survey	
2/18/2005	RSID005799	Guerrettaz, Bernard	Irvine/Merriam Boundary Survey	
11/14/2024	RSID005684	Deckard, Eric Lee	"McBride Minor Subdivision Final Plat"	2025000750.IN



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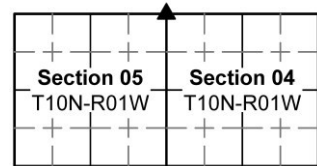
Page 2 of 4

# MONUMENT RECORD

Corner ID: **Wash\_I01**

## Section Corner

Sections 4 & 5- T10N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana



**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE:** *Include, search area or areas, search procedure, etc.*

*Date of Field work/Search:* 07/23/2025 & 09/26/2025 *By:* MES/JMG/EGC *Monument Found:* Set Rebar from original reference tree. Disturbed Stone found nearby. *BTs or Reference Objects Found:* Yes, original reference tree. Additional References established *Project #* 25-003 *Field Book:* 58, pages 73 & 74, Field Book 59 page 28 *Notes:*

**OTHER EVIDENCE:** *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

No distinctive visible, followable occupation lines were observed in the immediate vicinity of the corner. We reached the corner by parking in a pullover, just North of a drive to a house at 1096 Burma Road Bloomington In. and walking a short distance North and East to the Rebar.

**MONUMENT PRESERVATION:** *Describe work done to preserve existing monument.*

GPS coordinates were established on the Rebar. 2 rebar lites were set and a rebar was found within sight of it, that could be used to reestablish its location, should it become obliterated. We also located trees for visual reference. A plastic post with Monroe County Survey marker sign attached was placed on the North (downhill) side of the set rebar.

**THEORY OF LOCATION:** *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The rebar was set at the record bearing and distance of N85°E 14 ½ links (9.57') from the 6.2' circumference (23.7" diameter) Beech tree at #445. I became convinced this is the same Beech tree noted as a 5" diameter Beech reference tree to the corner in Legal survey book 2, pages 209-211 in 1872 after finding an engraved stone lying flat on the ground N03° 06'W 11.6' (directly downhill) from where the reference tree would place the corner. It is also noteworthy that The Beech trees size relative to growth rates of 2 other Beech trees in the same Section, consisting of 1) A Beech tree that is referenced to the Center of the Section (Wash\_C03), said Beech tree referenced to said Wash\_C03 was noted in 1899, in Legal Survey Book 2, page 558, as being 3" diameter, then referenced by Jess Gwinn in a Section corner perpetuation project for the Monroe County Surveyors Office as 18" in 2019. This means the Beech tree by said Wash\_C03 grew 15" in 120 years or 0.125" a year and 2) A Beech referencing the South Quarter corner of the Section at Wash\_C05 is documented as being 4" diameter in 1819 and measures 32 ½" diameter in 2025, meaning it grew 28 ½" in 206 years or 0.138" per year, a similar rate of growth to the 23.7" Beech located at this corner which, is noted in 1872 as a 5" Beech and measured this Survey (2025) as a 6.2' circumference or 23.7" diameter Beech this means it grew 18.7" in 153 years or .122" per year. There is some uncertainty in the basis of bearing used in 1872 to the reference tree vs Grid North we are using today, but in 9.57', that uncertainty would be minimal and less than the uncertainty of locating the exact center of the tree, which we tried very carefully to do. It appears to me that after decades of erosion the stone just fell over and slid down the hill. This location is in my opinion the most reliable evidence of the corner's original location within an uncertainty of 1 foot. **GEODETIC**

**COORDINATES:** *Northing:* 1490430.9', *Easting:* 3107335.1'

### BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83\_NO\_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041933.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 4 or 5 Township 10 North Range 1 West by Michael E. Sheppard of the Monroe County Surveyor's Office.



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# MONUMENT RECORD

Corner ID: **Wash\_I01**

## Section Corner

Sections 4 & 5- T10N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana


Section 05  
T10N-R01W

Section 04  
T10N-R01W

### CERTIFICATIONS:



*Michael E. Sheppard*

Date: 1/20/2026

Michael E. Sheppard

State of Indiana

Professional Surveyor

No. 20100021



*Trohn Enright-Randolph*

Date: 1/20/2026

Trohn Enright-Randolph

Monroe County Surveyor



*Donna K. Kish*

Accepted by the Monroe County  
Surveyor Review Board on

1/20/2026



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# MONUMENT RECORD

CORNER I.D.

I-1

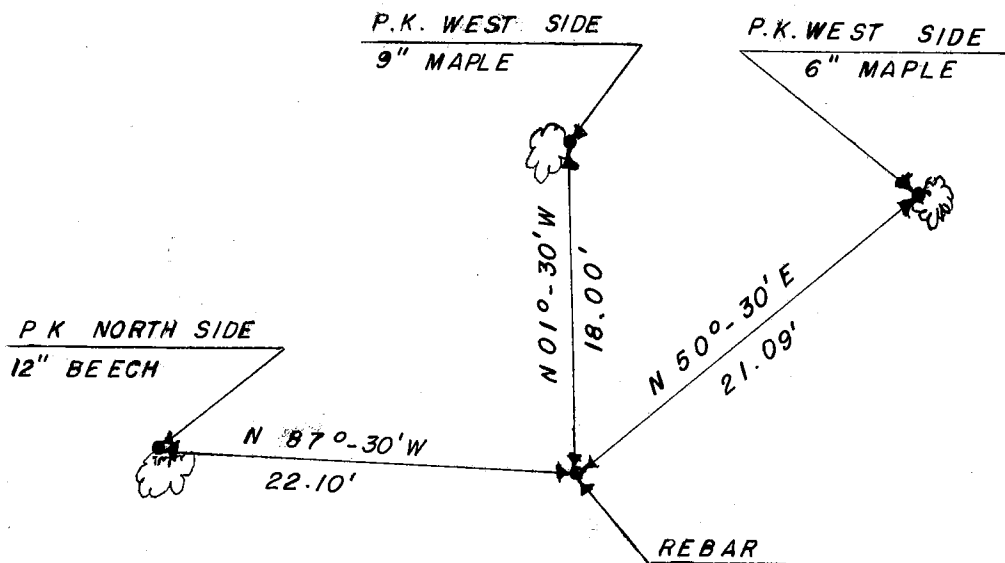
STATE OF INDIANA - COUNTY OF MONROE

SECTION 4, TOWNSHIP 10 N, RANGE 1 E 1-3-91

## MONUMENT DESCRIPTION & REMARKS

SET 1/2" REBAR SOLID IN GROUND. 6" OUT OF GROUND

### RECOVERY TIE DRAWING



(●) AT CORNER



NOT TO SCALE

STATE OF INDIANA

COUNTY OF MONROE

I, EDMUND O. FARKAS HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 13 TH DAY OF DECEMBER, 19 90 A.D.

SPACE  
RESERVED  
FOR  
RECORDING  
OFFICER.

INDIANA REGISTERED LAND SURVEYOR NO. \_\_\_\_\_

OR \_\_\_\_\_

UNITED STATES GOVERNMENT AGENCY

TITLE

TOWNSHIP:  
BENTON

Washington  
CORNER I.D.